

User Manual

BlueEvolution XL⁺



The revolution in commercial cleaning

The BlueEvolution is more flexible than any other professional steam cleaner. Both the steam and suction power have 3 settings. You can also regulate the hot water inflow continuously using a control valve, which allows you to set the soaking effect on the device individually.

Full power for a greater clean. Kind to the environment.

The BlueEvolution is kinder to the environment than almost any other cleaning system. It is only filled with clear water and minimises water consumption thanks to the steam pressure. There is no need for any harmful or really aggressive chemicals.

The applications of the BlueEvolution are practically limitless. The BlueEvolution really comes into its own in areas of high public traffic. Even large areas can be cleaned efficiently and quickly with little effort. Pathogens don't stand a chance!

Make steam

Cleaning revolution for all industries



From carpets to upholstery

The beam BlueEvolution cleans almost any surface – streak-free and deep.



Clean desks

Door handles, conference tables, floors, kitchen areas – the beam BlueEvolution guarantees a clean, germ-free work environment.



Gleaming sales areas

Tough dirt and odours vanish in no time at all.



Hygienic surfaces

The hot steam thoroughly cleans your practice rooms with little effort and a big impact for your patients.



No scrubbing, no chemicals

The beam BlueEvolution also dissolves fat in hard-to-reach places – with no strong cleaning products.



Gyms, saunas and spas

It's good for people to sweat. And thanks to the beam BlueEvolution it's no longer a problem for others. All equipment and contact surfaces can be cleaned perfectly.

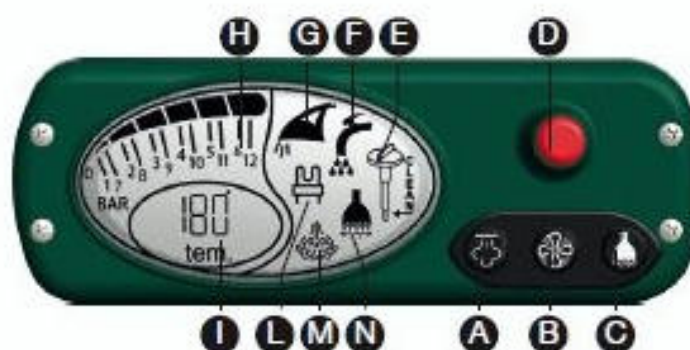
And many more possibilities for use ...

HACCP qualification certifies the highest cleaning power



Description of equipment

- ① Driving handle
- ② Locking screw driving handle
- ③ Locking lever driving handle
- ④ Display
- ⑤ Socket steam suction hose
- ⑥ Drain plug water tank
- ⑦ Drain plug hot water module
- ⑨ Filler holes
- ⑩ Accessories box
- Ⓐ ON/OFF button boiler
- Ⓑ ON/OFF button suction
- Ⓒ ON/OFF button hot water module
- Ⓓ Optical display suction mode
- Ⓔ Service indicator - probe cap
- Ⓕ Indicator water low
- Ⓖ Iron symbol
- Ⓗ Display operating pressure
- Ⓘ Operating temperature symbol
- Ⓛ Heating symbol
- Ⓜ Steam symbol
- Ⓝ Hot water module



⑧ Main switch

0 = off
1 = on



Important Advice for Users

Congratulations on the purchase of this beam product.

Your choice confirms your strong technical knowledge and your excellent taste. Ultimately, you have chosen a high-tech product, which has been manufactured using only materials of the highest quality.

Please take the time to read the User Manual carefully before starting your new appliance and keep the Manual to hand so that you can refer to it in the future.

This Manual contains the information you need for proper use, correct operation, appropriate cleaning, care and maintenance of the appliance.

It is essential that you are familiar with and follow the instructions in the Manual to ensure risk-free use, as well as your own safety during operation, cleaning, care and maintenance. This User Manual cannot foresee every conceivable use of the appliance.

If you would like more information or if specific problems arise that are not covered in sufficient detail in this User Manual, then please contact beam GmbH directly to request the necessary information.

1. Description of equipment

The beam BlueEvolution impresses thanks to its ease of use, sophisticated technology and diverse range of applications. It sets new standards in terms of hygiene and cleaning, makes the job much easier and saves time, drastically reduces the use of harmful cleaning agents that are bad for the environment, and ensures perfect cleanliness and a healthy feel-good ambience.

2. Purpose of use

The beam BlueEvolution can be used for thorough cleaning of surfaces and objects and to clear unpleasant odours from the air indoors.

3. Safety instructions

3.1 Safety warnings for the UV-C lamp



Warning! This appliance contains a UV emitter. Do not look directly into the source of light.

Warning! Do not switch on the UV light if it is outside the appliance's protective housing. The appliance may emit harmful UV-C radiation if not used properly. Even small doses of UV-C radiation may cause damage to eyes and skin. Users are NOT permitted to replace the UV-C lamp.

3.2 Warnings

- The appliance may only be operated by people who are familiar with its use. Remember that the steam jet may cause damage if used incorrectly.
- The appliance must not be used by children. Children do not understand the risks that may arise when dealing with electrical equipment and, therefore, children must never be left unattended with such equipment.
- Never use a faulty appliance or an appliance with a damaged power cable.
- Do not put cleaning agents, perfume or other chemical substances into the tank.
- **Warning!** Do not suction flammable or explosive substances or hot ash!
- Never immerse the appliance in water or other liquids. Never spray the appliance with water.
- Never touch the steam jet. **Risk of burning!**
- Never aim the steam jet at people or animals. Nor at electrical sockets, connections or equipment. **Risk of burning!**
- Do not use the appliance if other people are present in the working area.
- Refrain from any unsafe working methods.
- Do not use the steam jet for direct cleaning of electronic equipment (e.g. computers, televisions, telephones etc.).

- Before cleaning ovens, fridges etc. always disconnect the power first to ensure these are switched off. You must follow the manufacturers' specific instructions.
- **Warning!** The appliance may not be used to clean items that contain asbestos or other harmful substances.
- **Caution!** In the following instances steam may not be used or may only be used with the greatest care: on objects made from leather, Alcantara, velours or other sensitive materials, on waxed or painted surfaces, polished wood surfaces and for direct contact with bonding agents or silicone. Please always follow the manufacturer's instructions. For sensitive materials carry out a test first on a sample or on an inconspicuous, concealed area. Always start on the lowest setting. Pre-heat windows or other glass surfaces with a low steam setting from a distance of approx. 30 cm and clean in combination with suction.

3.3 Precautionary measures

- Operation of the appliance is subject to national regulations.
- Always ensure the appliance is in proper working order before starting up.
- Perform regular checks on the power cable, plug and steam suction hose for damage or signs of wear.
- Do not start the appliance if the steam suction hose or power cable are damaged.
- Place the appliance on a stable and level surface. Never place it on warm or hot surfaces. Choose somewhere that is not accessible to children or pets.
- Do not position the appliance in direct proximity to heat sources (fires, heaters or other heat-emitting objects).
- Position the appliance somewhere with good air circulation to prevent overheating.
- Never expose the appliance to the weather (rain, snow, frost etc.).
- Never touch the appliance, plug or electrical cables with wet hands or feet.
- Do not bend, squeeze or run over the steam suction hose.
- Never pull on the power cable or on the appliance itself when disconnecting the mains plug.
- Protect the power cable from heat sources, steam and oil, and from damage by avoiding pulling, squeezing or running over the cable.
- Never leave the appliance unattended when it is connected to the mains.
- To prevent unauthorised use of the appliance, ensure all switches are off and the power is disconnected during breaks.
- Always disconnect from the mains before cleaning and maintenance work.
- Only perform maintenance work that is described in the User Manual. Only use original spare parts and accessories.
- Do not undertake any technical modifications on the appliance.
- Never repair or open the appliance yourself. Repairs may only be performed by authorised personnel.
- Take the appropriate precautions when using acidic descaling agents. Protect sensitive surfaces, especially natural stone and wood, from spray and droplets.
- Some drops of condensation may form at the start of steam cleaning – wipe these up with a cloth.

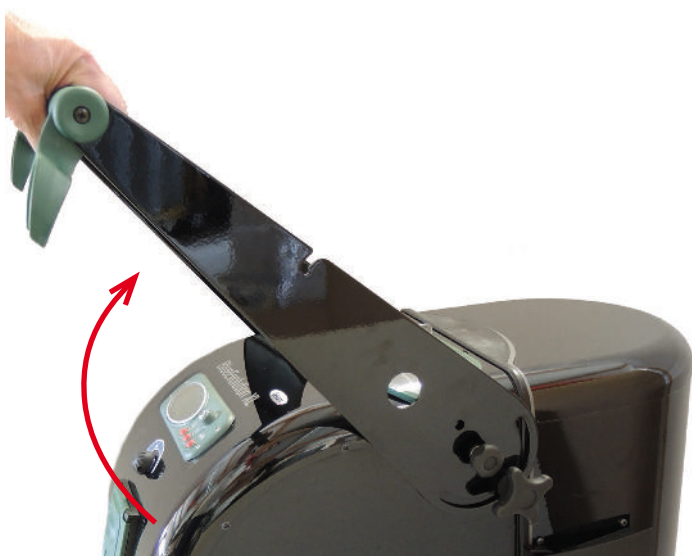
i INFO: To minimise the occurrence of condensation (caused when the steam hose and attachments are not at operating temperature) it is recommended that you allow the steam to flow for a few seconds on the maximum setting before starting the cleaning work. This ensures the steam hose and attachments heat up more quickly.

Assembly / preparation

Assembly of the driving handle and accessories box

Attach the handle using the two fixing knobs. Tighten them by turning clockwise.

Engage the two locking levers so the handle is secured properly.



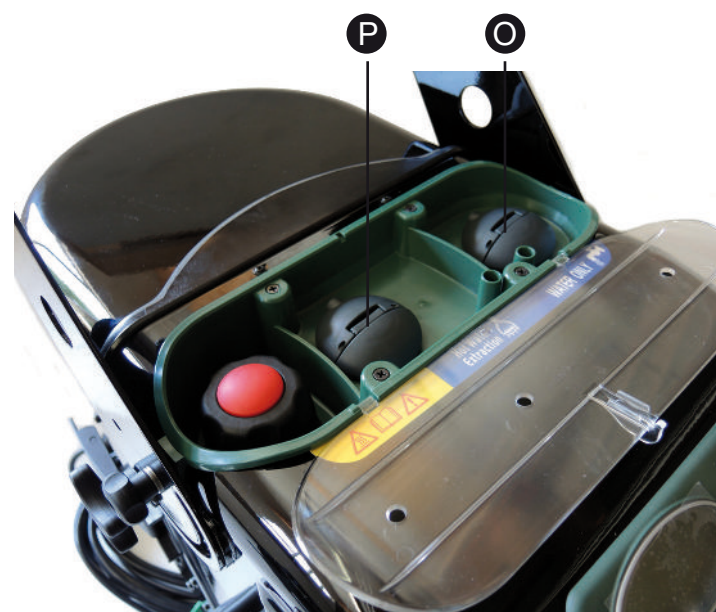
Click the connectors of the accessories box into the holes on the driving handle.



Fill the reservoir **⓪**

Fill the hot water module **Ⓟ**

- Open the cap **⓪** and fill the water tank with normal tap water using the funnel.
- Re-close the tank cap.
- Fill the tank **Ⓟ** for the hot water module, likewise with normal tap water. If your water is particularly hard, you may also use distilled water mixed with tap water in this tank.



- Re-close the tank cap. You can check the fill level of the tanks using the volume indicator on both sides of the appliance.

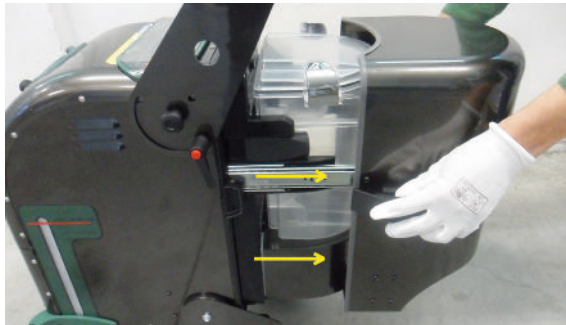


Assembly / preparation

Filling the filter bowl

Your appliance is fitted with a hygienic water filter. You must fill the filter bowl with water before starting, in order to bind the extracted dirt in the water and to clean the suctioned air in the water bath as well.

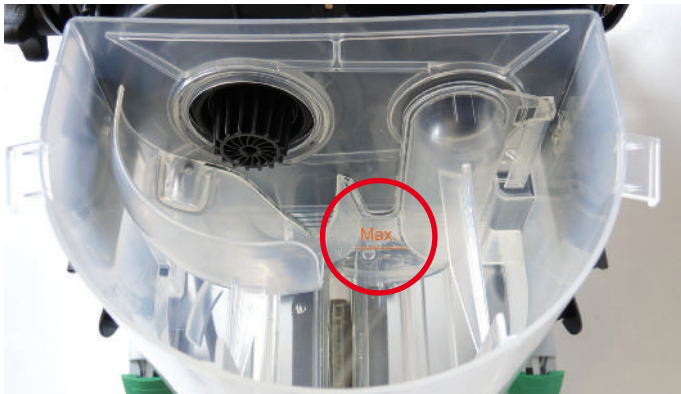
- Loosen the clips on the rear cover and pull back.
- Loosen the clips on the filter bowl and pull out of its slot.



- Open the cover on the filter bowl by pushing off the relevant clips.



- Fill with tap water up to the MAX. level indicated, using the integrated siphon within the filter bowl (approx. 2.0 litres).



- Re-close the cover on the filter bowl. Insert the filter bowl, ensuring it is in the correct position. Secure the rear cover with the clips.



WARNING:

Insert the filter bowl correctly on the bottom rails to make sure the fill level sensor is properly engaged.

The filter bowl is equipped with fill level sensors. Suction stops automatically once the maximum fill level is reached. LED **D** (page 2) on the display begins to flash.

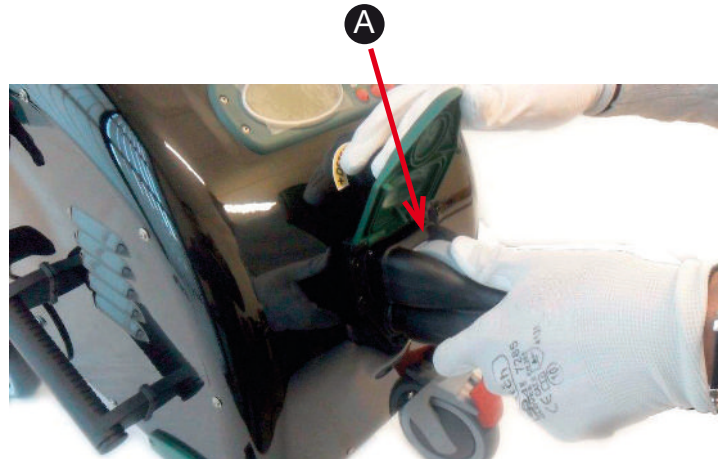


INFO:

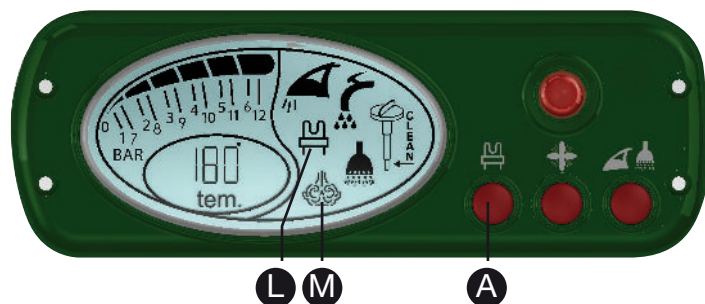
If you only wish to suction liquid, such as accidental water spills, it is not necessary to fill the appliance's filter bowl with water.

Inserting the steam suction hose

- Insert the connector of the steam suction hose into the socket until you hear the click of the safety hook.
- To remove the hose from the appliance, press release button **A** and pull on the connector



Start-up steam



Insert the plug into an earthed socket. The display turns on and there is power.

The display goes to OFF. (Standby)

Press button **A** on the display. The appliance switches on and begins to heat.

The symbol **L** for heating flashes on the display during the heat-up phase (approx. 5 minutes).

The symbol stops flashing once the temperature is reached. You can now use the steam function.

i INFO:

The heating symbol flashes during operation to indicate that the appliance is reheating to deliver sufficient pressure and temperature.

Switching off the appliance

Press button **A** to switch off the appliance. The appliance switches off after approx. 10 seconds. OFF is shown on the display. (Standby)

Steam function

Hold down steam lever **P** on the handle to emit steam.

You can set the steam mode by pressing buttons **T2** + or **T2** on the side of the handle.

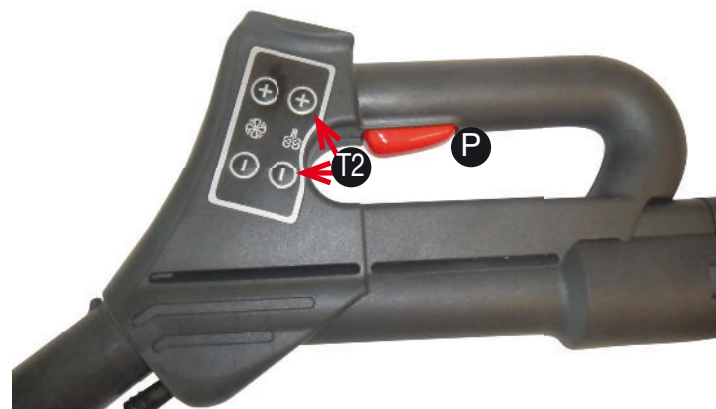
There are 3 steam modes to choose from:

Mode 1 = minimal steam volume, use on sensitive surfaces like wood, parquet, upholstery etc.

Mode 2 = medium steam volume, use on windows, glass, tiles, stone etc.

Mode 3 = maximum steam volume, use on all resistant surfaces that have previously been scrubbed with cleaning agents and water, such as tiles, granite, stainless steel etc.

The mode is indicated with 1-2-3 on the display **M** on the symbol for steam.



WARNING:

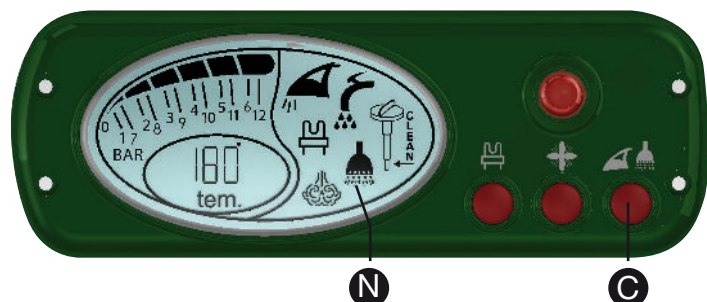
Water droplets may occur on first use, which may be due to incomplete heat stabilisation in the housing. For this reason, we recommend aiming the first steam jet at a cloth until an even flow of steam is achieved.



INFO:

For sensitive materials carry out a test first on a sample or on an inconspicuous, concealed area. Always start with mode 1 (minimal steam volume).

Start-up steam with hot water module



The soaking effect and, thus, cleaning performance can be increased for heavy soiling by switching the hot water module to steam.

i INFO:

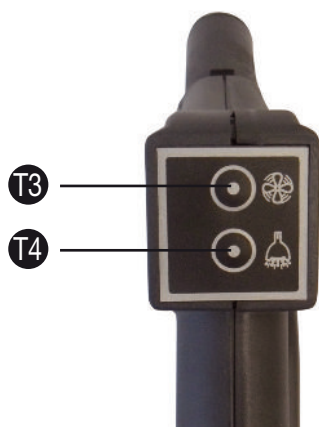
Do not use on sensitive surfaces or materials.

Switching on "hot water module"

Press button **C** on the control panel to activate the hot water module. The symbol **N** on the display begins to flash.

Pressing button **T4** on the handle for the hot water module switches the function on and symbol **N** on the display stays illuminated.

Always use button **T4** on the handle to switch the hot water module on and off.



The "hot water module" flow-through can be adjusted, by pressing the button (C) in 10% increments. This is indicated between 010 and 100 in the display.

Display shows 010 = 10% minimum amount of hot water

Display shows 100 = 100% maximum amount of hot water

Start-up suction

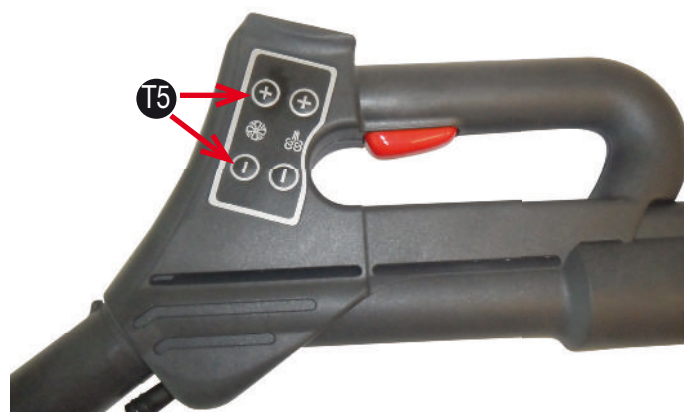


Suction

Press button **B** on the display to activate suction.

LED **D** for suction turns red. (Suction mode 3 = max.)

Press button **T3** on the handle to switch on suction.



Briefly press button **T5** + or **T5** on the side to vary suction power.

MIN = LED **D** turns green

MED = LED **D** turns orange

MAX = LED **D** turns red

Press button **T3** briefly to turn suction off again.

i INFO:

As there is liquid in the hose and in the extension pipes during suction operation, the sucker should not disconnected immediately after cleaning finishes.

A short delay (approx. 30 seconds) is required.

Standard accessories and use



Steam suction hose
Item no.: 9618



Extension pipe
Item no.: 9615



Extension pipe
Item no.: 9615



Extraction nozzle, 238 mm
Item no.: 9620

NO ATTACHMENT

Upholstery, mattresses
and carpet cleaning.



Rubber lip with brush attachment
Item no.: 80202

Glass surfaces,
windows (display windows),
mirrors



Rubber lip insert
Item no.: 80201

Hard floors, e.g.:
tiles, granite, marble, wood, PVC,
laminare, etc.



Brush attachment
Item no.: 80203

On sensitive surfaces, e.g. parquet,
use steam mode 1
Do not use hot water module

Pre-cleaning of heavily
soiled surfaces, rubber or synthetic
doormats, etc.

Not for sensitive surfaces



Extraction nozzle, 126 mm
Item no.: 9621

NO ATTACHMENT

Upholstery, mattresses,
car seats, doormats and
vehicle interior cleaning



Rubber lip with brush attachment
Item no.: 802102

Glass surfaces, windows
and mirrors



Rubber lip attachment
Item no.: 802101

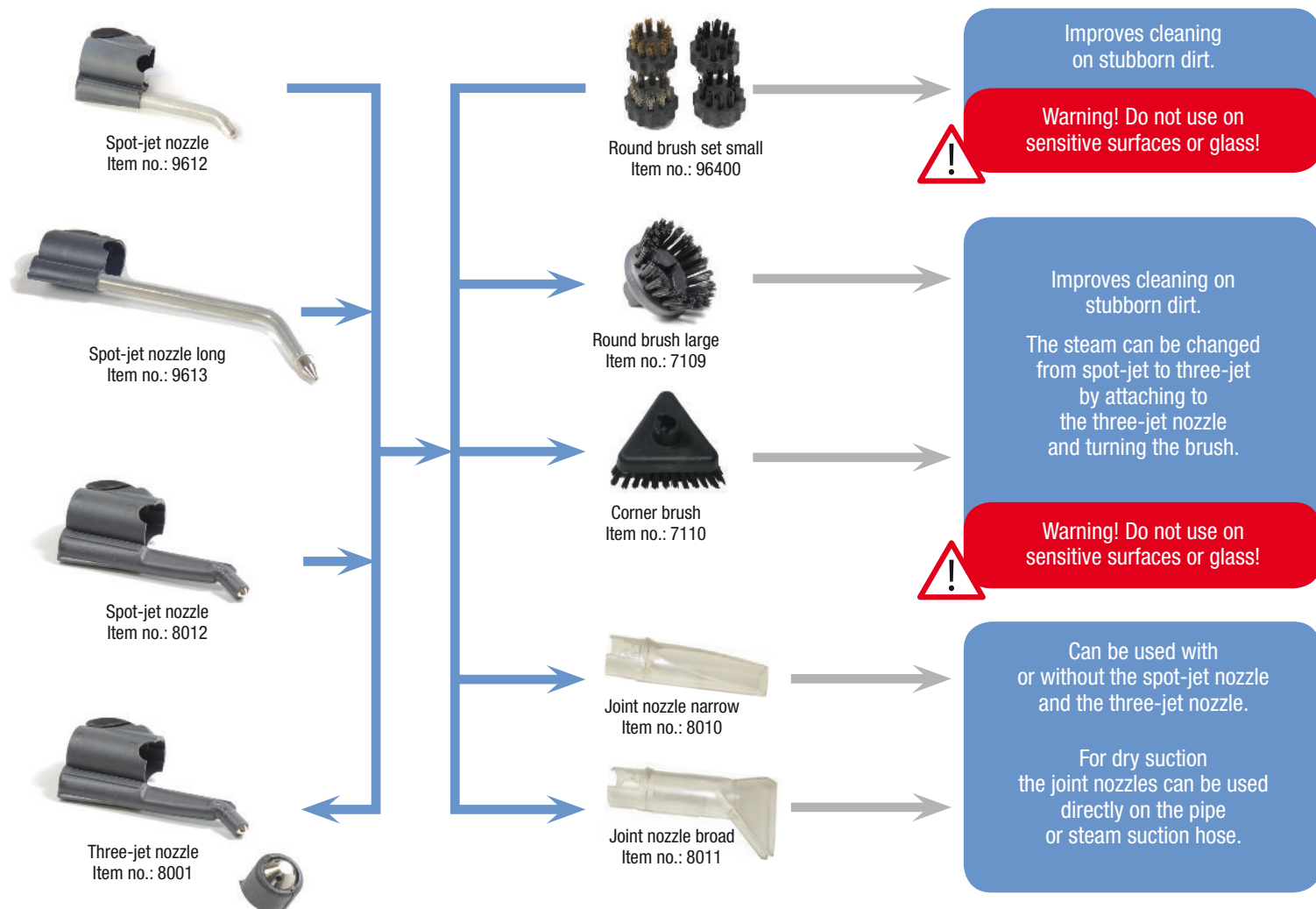
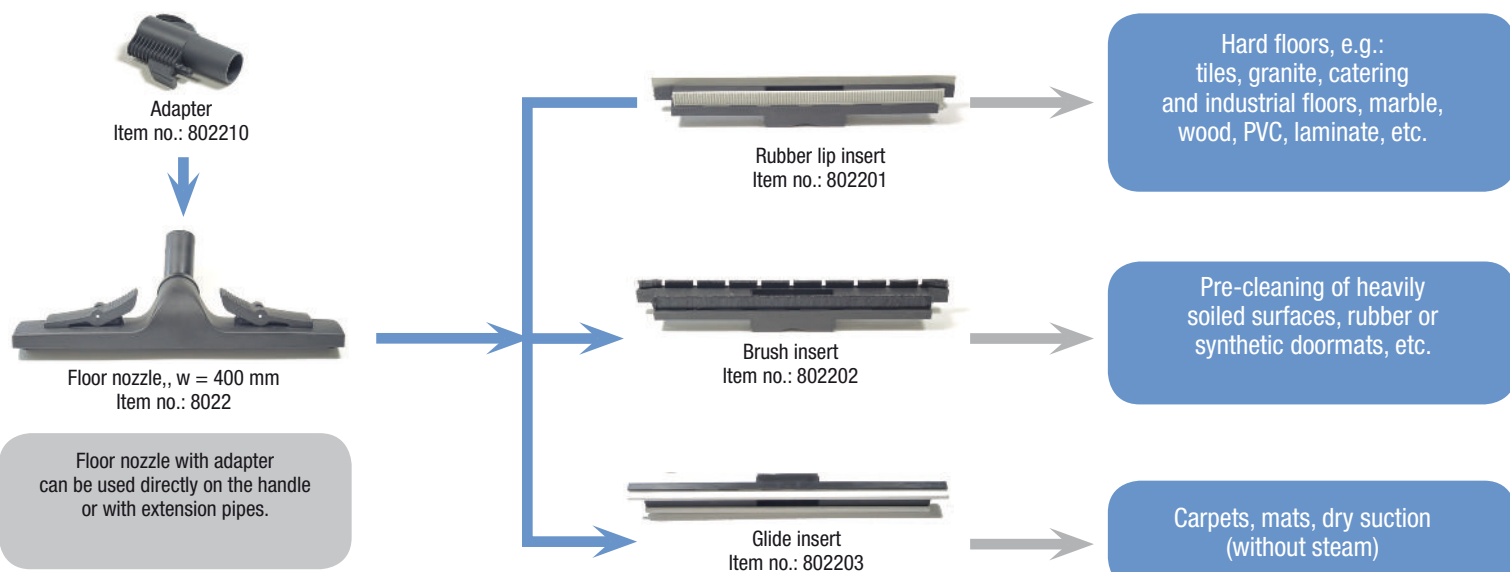
Almost all surfaces,
window frames,
sills, interior doors,
kitchen cupboards,
synthetic surfaces, etc.



Nylon brush attachment
Item no.: 802105

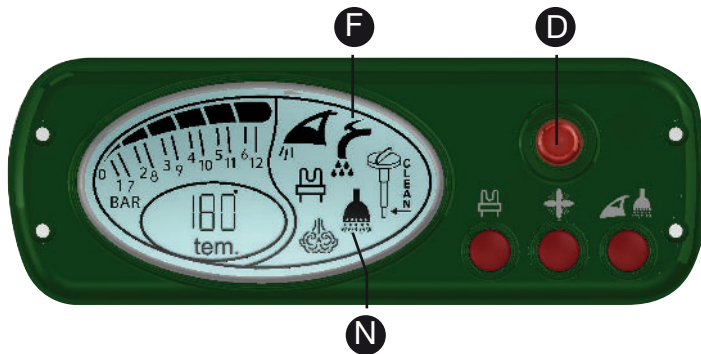
Pre-cleaning of heavily
soiled surfaces, windows,
rubber or synthetic doormats, etc.

Standard accessories and use



Warning:
Always adjust the steam volume and accessories for the surfaces you are cleaning!

Reports



Maximum fill level in the filter bowl

If the suctioned dirt in the filter bowl reaches the maximum level, the fill level sensors ensure that suction stops automatically.

LED **D** on the display begins to flash.



To continue with cleaning work:

- Remove the filter bowl, empty and fill with tap water up to the MAX. level indicated, using the integrated siphon within the filter bowl (approx. 2.0 litres)
- Re-insert the filter bowl, ensuring it is in the correct position.

WARNING:

Regularly remove and clean the installation parts from the filter bowl in the event of heavy soiling. Return to the correct position afterwards.

Water shortage reservoir

A lack of water in the reservoir **O** is indicated by symbol **F** flashing on the display and by a simultaneous acoustic signal. To restart work, fill the tank as described in the section on “Filling reservoir **O**”.

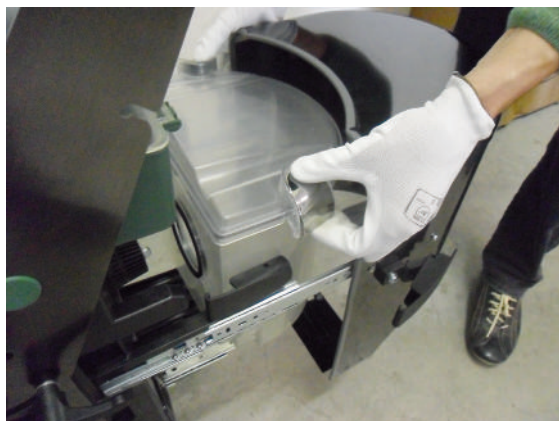
Water shortage hot water module

A lack of water in the hot water module is indicated by symbol **N** on the display, which now flashes rather than being permanently illuminated. There is also an acoustic signal. To refill the tank with water, follow the instructions in the section on “Filling hot water module **P**”.

Shutting down

To ensure the functionality, cleanliness and hygiene of the appliance and accessories, follow this procedure to shut down the appliance:

1) Remove the filter bowl, empty out the water and re-insert.



2) Set the suction mode to MIN (LED **D** turns green) by pressing button **T5** on the handle.



3a) Cleaning of steam hose and accessory parts In suction mode 1, flush approx. 2 litres of cleaning fluid with a mild alkaline cleaning solution through the used accessory parts (steam hose, extension pipes etc.) to clean them.

3b) Disinfecting the steam hose and accessory parts We recommend you flush a VAH-listed, peroxide-based surface disinfectant through the accessory parts in suction mode 1.

See the manufacturers' information for application times.

INFO:

Repeat the rinsing process with clear water if there is a lot of foam.

Alternatively, the steam suction hose can also be cleaned using a suitably sized sponge soaked in disinfectant.

4) Empty the filter bowl, clean and re-insert without cover.

5) Switch off the functions you have selected by pressing the relevant buttons on the display. The appliance switches off after approx. 10 seconds. OFF is then shown on the display.

6) Disconnect from the mains power by pulling out the plug.

7) Pull the steam suction hose out of the appliance for it to dry out.

8) Store the appliance with open filter bowl in a well ventilated and frost-free room.

Technical data

Technical data

beam BlueEvolution XL⁺

Order no.: 960190

Electrical connection

Nominal voltage 400 V AC 50/60 Hz

Total output 7200 W

Boiler nominal consumption 3 x 2000 W
(Boiler made from stainless steel INOX Aisi 304)

Automatic refill system Yes, 3 litres

Steam temperature max. 180 °C

Steam pressure max. 10,0 bar

Motor nominal consumption 1200 W

Water filter max. fill level approx. 3.3 litres

Water filter difference min. to max approx. 1.3 litres

Underpressure 2100 mm H O

Length steam suction hose approx. 3.2 metres

Weight approx. 31.6 Kg

Size (l x w x h) 720 x 380 x 930

Safety test CE

incl. hot water module 3 litres for the stubbornest dirt

beam reserves the right to make technical changes or changes to accessories in the course of further development.



Look forward to it.

**Order spare parts and accessories
conveniently from our online shop:
www.beam.de**

beam GmbH · Illertalstraße 3 · 89281 Altenstadt/Iller, Germany
Tel.: +49 (0)8337-7400-21 · Fax: +49 (0)8337-7400-10

Error....	Cause	Remedy
Suction switches off, you hear an acoustic signal and LED (D) flashes on the display	Filter bowl full	Empty the filter bowl and refill with fresh tap water up to the Max. fill level
	Fluff, fibres or hair in the filter bowl	Empty the filter bowl, clean out the hair and fluff and refill with fresh tap water up to the Max. fill level
	Foam in the filter bowl	Empty the filter bowl and refill with fresh tap water up to the Max. fill level. Tip: To minimise foam build-up, add 3 drops of non-acidic oil (e.g.: sewing machine or light vegetable oil) to the filter bowl
There is little or no steam and no hot water	Limescale in hot water modul	Perform "Hot water descaling" (Service/Maintenance – Part 1)
Steam very wet	Limescale in boiler and probe cap	Check the probe cap and perform "Boiler descaling" (Service/Maintenance – Part 2)
	Hot water is switched on	Briefly press button (T4) on the handle or button (C) on the display
There is no hot water	Hot water not switched on	Briefly press button (C) on the display and then button (T4) on the handle
	Reservoir tank (P) is empty	Fill reservoir tank (P) hot water with clear tap water
Suction is not working	Filter bowl not in position	Re-insert filter bowl. Important: the lug on the cover must sit in the guide on the appliance
	Not switched on on the display	Press briefly on button (B) on the display; suction can then be switched on using button (T3) on the handle
No suction	HEPA filter dirty	Replace HEPA filter
	Foreign body or dirt in the hose or accessory	Check hose and accessory and clean as required
Strange noises while suction	HEPA filter dirty or not in the right position	Check the filter about dirt and the position

Service/Maintenance table

Use this table to document service and maintenance work performed, in order to improve overview and control.

Service/Maintenance	Date	Comment	Performed by:
<input type="checkbox"/> Hotwater module descaling			
<input type="checkbox"/> Boiler descaling			
<input type="checkbox"/> Filter change			
<input type="checkbox"/> Additional work			
<input type="checkbox"/> Hotwater module descaling			
<input type="checkbox"/> Boiler descaling			
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<input type="checkbox"/> Filter change			
<input type="checkbox"/> Additional work			

Service/Maintenance Part 1

Hot water module descaling

Descaling instructions hot water module

Use of the hot water module causes lime scale to form over time depending on the hardness of the water used. To prevent a fault caused by lime scale in the steam hose we recommend that you descale regularly.



INFO:

Error, cause remedy

... no steam or hot water is produced when the steam lever is pressed.

Check whether the hose nozzle in the steam suction hose connector is dogged with lime scale. If it is, proceed as follows:

Warning! Descalers can be harmful. Read the information on the descaler packaging and follow the safety instructions.

Descalers or vinegar may cause damage to surfaces. Wipe up drops immediately. Only use suitable and recommended descalers.

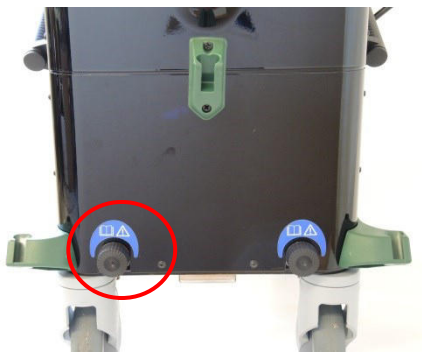


INFO:

The steam hose does not have to be descaled if you use decalcified water.

1. Preparation

a)



Place a suitable container in front of the appliance and empty the reservoir by opening the drain plug. Then re-close the drain plug.

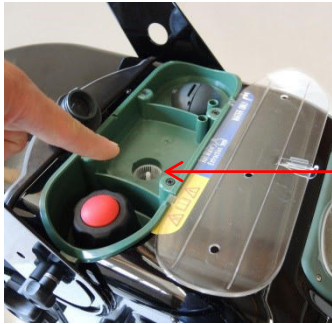
Warning:

Up to 3 litres of water may come out if the appliance is filled to the max. level. The fill level is indicated on the side of the appliance.

The appliance must be connected to the mains to descale the hot water module

2. Descaling

a)



Mix 0.2 litres of vinegar essence and 0.3 litres of tap water in a measuring cup.

Open the cap for hot water “Hot Water Extraction” and pour in the vinegar mixture.

Insert the steam suction hose into the appliance.

b)



Symbol (N)

Button (A)

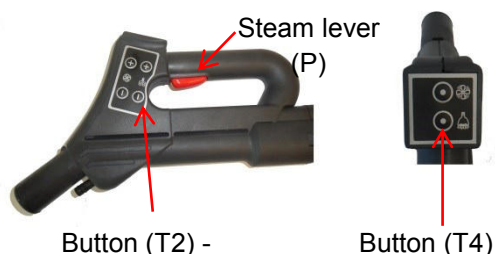
Button (C)

Now connect the appliance to the mains and press button (A) on the display. The appliance switches on and begins to heat. Now press button (C) until the display 100 indicates.



Warning: Descalers can be harmful. Vinegar and descalers can damage contact surfaces. Wipe up drops immediately.

c)



Button (T2) -

Button (T4)

Press button (T2) – select minimum steam mode. Press button (T4) to switch on the hot water module.

Hold the handle over a suitably sized container to catch the mixture. Now press steam lever (P) until all the vinegar-water mix has rinsed through. Press the lever at short intervals if there is heavy limescale. This increases the impact duration of the mixture and the lime scale is dissolved.

3. Rinsing

a)



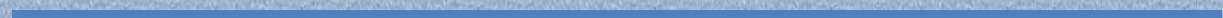
Pour 0.5 litres of clear tap water into the reservoir “Hot Water Extraction”. Hold the handle over a suitably sized container to catch the mixture. Now press steam lever (P) until all the water has rinsed through.

Repeat the procedure to rinse out any limescale and vinegar residue.

Your appliance is now ready for use again.

Service/Maintenance Part 2

Boiler descaling



Descaling instructions boiler / introduction

You must perform descaling at the latest when the “Probe cap with Clean” symbol appears on the display. As water quality varies hugely by region, descaling may also be required before this. Check the probe cap for limescale accordingly. Heavy limescale build-up indicates that descaling is required.

Warning: Only perform probe check on a cooled appliance.

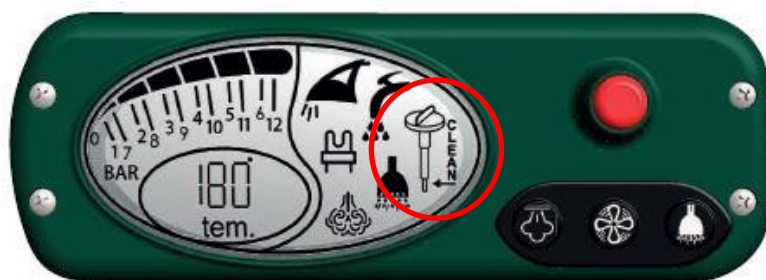


Fig. 01

Warning! Descalers can be harmful. Read the information on the descaler packaging and follow the safety instructions.

Descalers or vinegar may cause damage to surfaces. Wipe up drops immediately. Only use suitable and recommended descalers.

Only perform descaling on a cooled appliance.

Recommended descaler:



beam descaler item no.: 8050

1. Preparation



Warning: Before starting, disconnect from the mains power by pulling out the plug.

a)



Probe cap (1)



Unscrew the probe cap (1) by pressing down and turning to the left at the same time.

For thorough cleaning and descaling of the probe cap we recommend: 0.1 litres of beam descaler and 0.5 litres water (total 0.6 litres of descaling mixture).

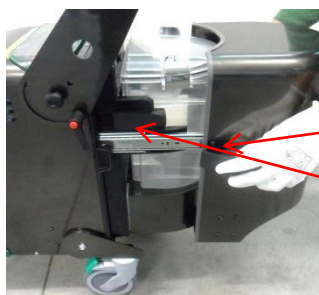
Pour the descaling mixture into a suitable container and put the probe cap into the mixture.

b)



Place a suitable container in front of the appliance and empty the reservoir by opening the drain plug. Then re-close the drain plug. Up to 3 litres of water may come out if the appliance is filled to the max. level. The fill level is indicated on the side of the appliance.

c)

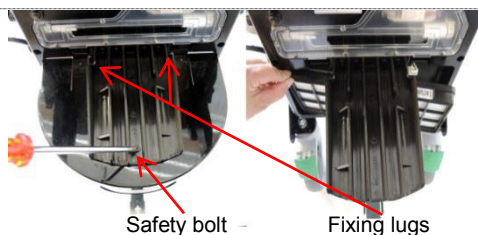


The filter bowl and sound-proofing casing must be removed to drain the descaler later on.

First loosen the clips on the rear cover and pull back.

Then loosen the clips on the filter bowl and remove the filter bowl from the appliance

d)



Safety bolt –

Fixing lugs

Loosen the safety bolts on the sound-proofing casing. Then press both fixing lugs to tip the sound-proofing casing and remove. Then take the HEPA filter from the slot.

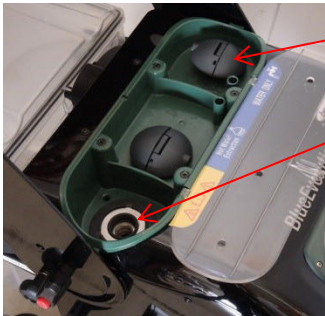


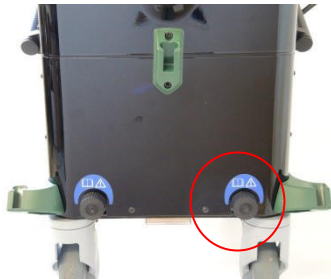

2. Descaling

<p>a)</p>  <p>Cap (O)</p>	<p>Open cap (O) "Water Only" and pour 0.4 litres of beam descaler into the "Water Only" reservoir.</p>
<p>b)</p>  <p>Symbol (F) Button (A)</p>	<p>Now connect the appliance to the mains and press button (A) on the display. The pump runs for approx. 50 seconds. The water shortage alert then sounds, and the water tap symbol (F) flashes on the display. Now disconnect from the mains power again by pulling out the plug.</p>
<p> Warning: Working time approx. 15 minutes</p>	
<p>c)</p> 	<p>Empty the boiler after 15 minutes.</p> <p>Place a suitable container under the appliance and empty the boiler under the UV lamp by opening the drain plug (spanner width 20). Then close the drain plug again tightly.</p>






Warning: : Descaler residue can be harmful to health and damage surfaces. Wipe up drops immediately. Read the information on the descaler packaging and follow the safety instructions.

3. Rinsing

<p>a)</p> 	<ul style="list-style-type: none"> - Fill the "Water Only" reservoir with 0.5 litres of clear tap water - Fill the boiler with max. 1 litre of clear tap water <p>Move the appliance gently from side to side to assist removal of loosened</p> <p> INFO: limescale residue.</p>
<p>b)</p>  <p>Symbol (F) Button (A)</p>	<p>Now connect the appliance to the mains and press button (A) on the display. The pump runs for approx. 50 seconds. The water shortage alert then sounds, and the water tap symbol (F) flashes on the display. Now disconnect from the mains power again by pulling out the plug.</p>
<p>c)</p> 	<p>Place a suitable container under the appliance and empty the boiler under the UV lamp by opening the drain plug (spanner width 20).</p> <p>Then close the drain plug again tightly.</p>
<p>d)</p> 	<p>Place a suitable container in front of the appliance and empty the reservoir by opening the drain plug. Then re-close the drain plug.</p>
<p> WARNING: You must perform steps 3a - 3d twice to rinse out the final residue of limescale and descaler.</p>	

4. Re-assembly

<p>a)</p> 	<p>Remove the probe cap from the container and rinse well under clear running water. Then screw it back onto the boiler by pressing down and turning to the right at the same time.</p>
<p>b)</p>  <p>HEPA – filter (U) Safety bolt</p>	<p>Insert the HEPA filter (U) into the slot. Attach the sound-proofing casing. Ensure that all 4 fixing lugs (2 above and 2 below) are correctly positioned. Then fix the sound-proofing casing in place with the safety bolt.</p>
<p>c)</p>  <p>Water Only Reservoir Button (A)</p>	<p>Fill the “Water Only” reservoir with 3 litre of clean tap water. Plug in the appliance and press button (A) on the display.</p>
<p>i INFO: The boiler must be refilled back to the minimum fill level following descaling. It may be necessary to press button (A) on the display several times until this is done.</p>	

Service/Maintenance Part 3

HEPA-filter; water filter and O-rings

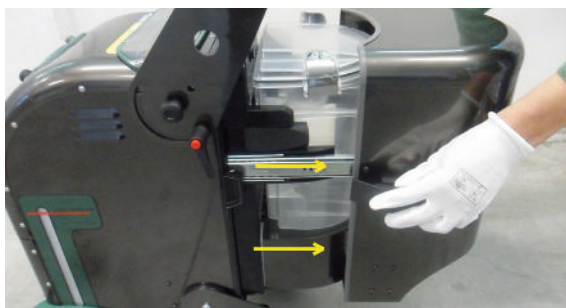
Maintenance / cleaning

Replacing the air filter (HEPA filter)

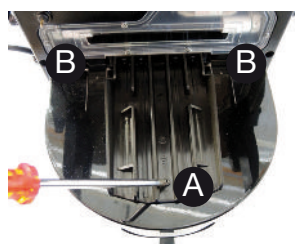
The HEPA filter should be replaced if suction power drops dramatically, but at least once per year.

Proceed as follows to inspect the filter:

- Loosen the clips on the rear cover and pull back.



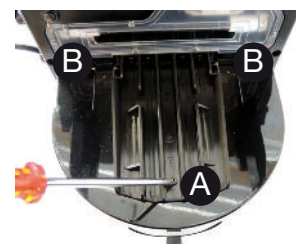
- Loosen the clips on the filter bowl and remove from its slot.



- Loosen the safety bolt (A) on the sound-proofing casing. Then press both fixing lugs (B) to tip the sound-proofing casing and remove. Then remove the HEPA filter from the slot.



Replace the HEPA filter with the grate.

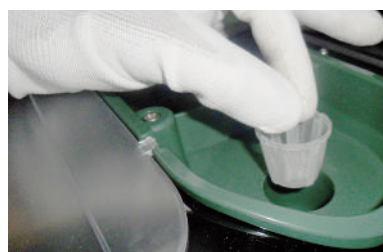


- Insert the HEPA filter into the slot. Attach the sound-proofing casing. Ensure that all 4 fixing lugs (B) (2 above and 2 below) are correctly positioned. Then fix the sound-proofing casing in place with the safety bolt (A).
- Re-insert the filter bowl, ensuring it is in the correct position. Then secure the rear cover with the clips.

WARNING: Cleaning the filter

Both reservoirs are protected from contamination by a filter.

If you need to clean the filters, rinse them thoroughly with plenty of hot water and a neutral cleaning agent.



Cleaning, care and maintenance of accessories

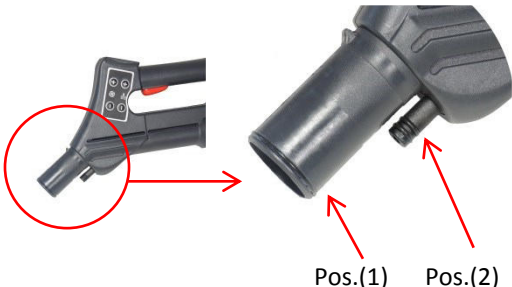

Care of accessories

It is essential to clean accessory parts after use to maintain the performance and functionality of the appliance. The connections on the extension pipes and the safety handle can be sprayed with a suitable lubricant or silicone spray as required. This will make it easier to change accessory parts.

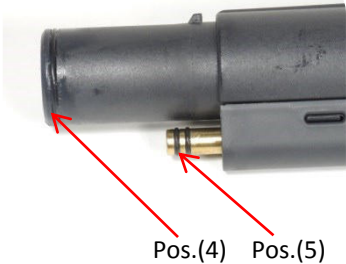
Checking the O-rings

To avoid damage to the appliance or accessories, the O-rings on the safety handle and the extension pipes must be checked regularly for damage. The O-rings will last longer if they are coated regularly with a lubricant/ silicone spray or a non-acidic grease.

Checking the O-rings

 <p>Pos.(1) Pos.(2)</p>	<p>Check the O-rings on the safety handle for damage:</p> <p>Pos.(1): 1 O-ring on the suction pipe</p> <p>Pos.(2): 2 O-rings on the steam spout</p>
 <p>Pos.(3)</p>	<p>Check the O-rings on the connector for damage:</p> <p>Pos(3): 2 O-rings on the brass spout</p>

Checking O-rings on the extension pipes

 <p>Pos.(4) Pos.(5)</p>	<p>Check the O-rings on all extension pipes for damage:</p> <p>Pos.(4): 1: O-ring on the suction pipe</p> <p>Pos.(5): 2 O-rings on the steam spout</p>
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